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PHOTOGRAPHIC INTERPRETATION REPORT

SUMMARY

BLACK SHIELD MISSION
BX 6732

28 OCTOBER 1967

NPIC/R-290/67
DECEMBER 1967

GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

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PREFACE

This report represents a summary of targets covered by the subject mission. Those targets which reflect no significant change in facilities from the most adequate previous mission will carry the appropriate mission number and date, prefixed by the letters "NAC," as the last entry on the photo reference line. Targets which can be identified only will carry the letters IDO as the last entry on the photo reference line.

The header line for each target contains, reading from left to right, the installation name, the geographic coordinates, the World Aeronautical Chart (WAC) number, the Basic encylopedia (BE) number, and the NPIC target number. The COMIREX target number, when available, appears between the installation name and coordinates.

All targets are arranged 1) by country, 2) within country, 2) within country according to subject, 3) within subject by WAC area, and 4) within WAC area by geographic coordinates in ascending order.

The map base used for derivation of coordinates is the best available among these series: US Air Target Chart (Series 200); AMS (1:50,000 and 1:250,000); JOG (1:250,000); ONC (1:1,000,000); and JMW (1:1,000,000).

Photo reference data includes frame numbers and symbols denoting limiting conditions, photo interpretability, target coverage, and the mode.

Symbols for limiting conditions affecting photography are C (clear), SC (scattered cloud cover), HC (heavy cloud cover), H (haze), CS (cloud shadow), S (snow), O (obliquity), SD (semidarkness), GC (ground cover), CF (camouflage), and SS (small scale).

Interpretability of the photography is characterized as G (good), F (fair), or P (poor). Target coverage is denoted by the symbold T (total) or PT (partial). The mode of coverage is indicated by ST (stereo), PS (partial stereo), or NS (nonstereo).

AAA defense are divided into four categories: automatic weapons (ZPU-1, ZPU-2, and ZPU-4), light (21-75mm), medium (76-100mm), and heavy (over 100mm). Where a category cannot be determined, the site will be listed as an AAA site and the number of guns indicated (e.g., 6-gun AAA site, occupied/unoccupied).

For the convenience of the user, an index to all targets is included. Targets are arranged alphabetically within a country.

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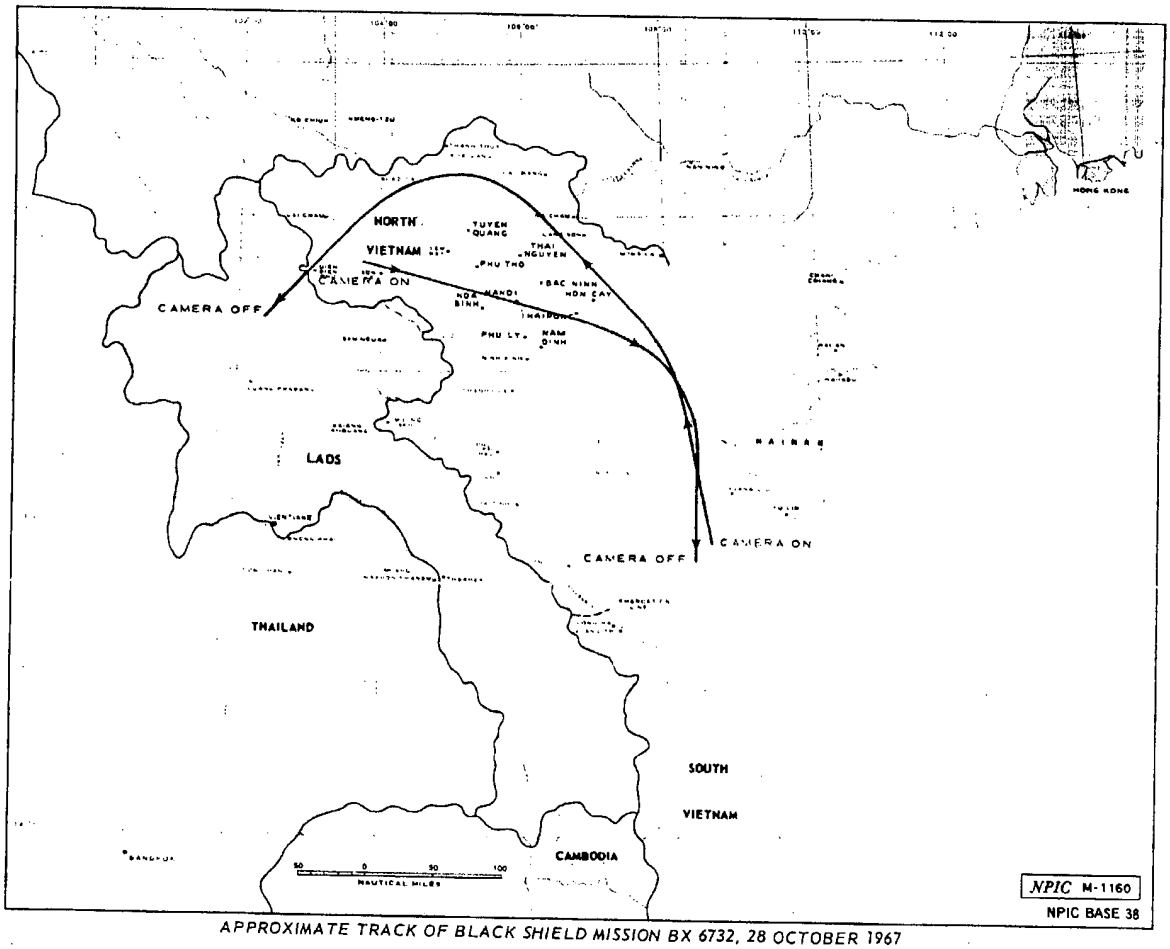

APPROXIMATE TRACK OF BLACK SHIELD MISSION BX 6732, 28 OCTOBER 1967

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HIGHLIGHTS

NO EVIDENCE OF OFFENSIVE SURFACE-TO-SURFACE MISSILE EQUIPMENT OR FACILITIES IS OBSERVED IN NORTH VIETNAM.

A TOTAL OF 120 SA-2 SITES ARE IDENTIFIED IN NORTH VIETNAM. OF THE 120, 14 ARE OCCUPIED, 90 ARE UNOCCUPIED, AND 16 ARE IDENTIFICATION ONLY.

AN SA-2 MISSILE IS OBSERVED IN FLIGHT FOR THE FIRST TIME ON BX PHOTOGRAPHY. THE MISSILE WAS APPARENTLY FIRED FROM HA NOI SAM SITE A01-2 (133), WHICH IS IMAGED JUST SUBSEQUENT TO A LAUNCH.

AN OCCUPIED AIR WARNING RADAR FACILITY IS NEWLY IDENTIFIED 0.7 NM SSE OF PEI-LI, CHINA.

SEVEN MAJOR NORTH VIETNAM AIRFIELDS ARE OBSERVED, 6 ON CLOUD-FREE PHOTOGRAPHY OF GOOD INTERPRETABILITY.

THE MAJOR PORT FACILITIES OF HAI PHONG, CAM PHA, AND HON GAI ARE IMAGED ON CLOUD-FREE PHOTOGRAPHY OF GOOD INTERPRETABILITY. A POLTAVA LARGE-HATCH FREIGHTER IS OBSERVED AT ANCHOR IN THE ROADSTEAD WITH A DECK CARGO OF 8 LARGE CYLINDRICAL STORAGE TANKS AND 6 TRUCKS. AN ATLANT-CLASS OCEANGOING SALVAGE TUG IS OBSERVED FOR THE FIRST TIME IN NORTH VIETNAM.

A TOTAL OF 3 TARGETS IN CHINA ARE IMAGED ON OBLIQUE PHOTOGRAPHY.

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Target	Coordinates	WAC	Target Numbers	
-CHINA-			BE	NPIC
-- ELECTRONICS/COMMUNICATIONS --				
PEI-LI AIR WARNING RADAR FACILITY 0.7 NM SSE OF PEI-LI. NEWLY IDENTIFIED SITE CONTAINS 1 EARTH MOUND AND 2 REVETMENTS. OB -- 1 PROBABLE RANGE AND AZIMUTH RADAR AND 2 PROBABLE HEIGHTFINDER RADARS. (SEE ATTACHMENT) [redacted] 25X1D	1908N 10841E	0618		21-C
-- NAVAL/PORT FACILITIES --			25X1A	
PEI-LI PORT FACILITIES NO APPARENT CHANGE IN FACILITIES SINCE 25X1D [redacted] [redacted] 25X1D VESSELS -- 1 SMALL FREIGHTER AND 17 SMALL VESSELS. [redacted] 25X1D	1906N 10837E	0618	[redacted]	21-B
PAI-MA-CHING PORT FACILITIES [redacted] 25X1D	1943N 10912E	0618		41
-NORTH VIETNAM-				
-- MISSILES --				
HAI PHONG SAM SITE B07-2 (98) SITE IS UNOCCUPIED. [redacted] 25X1D	2059N 10700E	0615		111
HA NOI SAM SITE C17A-2 (161) SITE IS UNOCCUPIED. [redacted] 25X1D	2037N 10557E	0616		318-B

25X1A [redacted]

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Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HA NOI SAM SITE B17-2 (1) SITE IS UNOCCUPIED. [redacted] 25X1D	[redacted]	2047N 10554E	0616	[redacted]	114-G
HA NOI SAM SITE B16-2 (162) SITE IS UNOCCUPIED. [redacted] 25X1D		2049N 10557E	0616		265-C
HA NOI SAM SITE B21-2 (2) SITE IS UNOCCUPIED. [redacted] 25X1D		2051N 10545E	0616		114-H
HOA BINH SAM SITE B08-2 (212) SITE IS UNOCCUPIED. [redacted] 25X1D		2052N 10533E	0616		261-C
HA NOI SAM SITE A17A-2 (45) SITE IS UNOCCUPIED. [redacted] 25X1D		2052N 10554E	0616		266-G
HOA BINH SAM SITE A04-2 (210) SITE IS UNOCCUPIED. [redacted] 25X1D		2053N 10523E	0616		420-K
HOA BINH SAM SITE B08A-2 (245) SITE IS UNOCCUPIED. [redacted] 25X1D		2053N 10535E	0616		266-J
HA NOI SAM SITE B25-2 (11) SITE IS UNOCCUPIED. [redacted] 25X1D		2054N 10536E	0616		266-E
HA NOI SAM SITE A19-2 (15) SITE IS UNOCCUPIED. [redacted] 25X1D		2055N 10550E	0616		266-F

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Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
HA NOI SAM SITE A24-2 (19) [redacted] 25X1A SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS OCCUPIED BY PROBABLE MISSILES ON LAUNCHERS, A REVETTED GUIDANCE AREA OCCUPIED BY A FAN SONG RADAR AND 5 VAN TRAILERS, A REVETTED ACQUISITION RADAR POSITION OCCUPIED BY 2 PROBABLE VAN TRAILERS, AND 3 MISSILE-HOLD REVETMENTS (2 OCCUPIED BY SHELTERS AND 1 UNOCCUPIED). OB -- 6 PROBABLE SA-2 MISSILES ON LAUNCHERS, A FAN SONG RADAR, 5 VAN TRAILERS, AND 2 PROBABLE VAN TRAILERS. [redacted] 25X1D	2056N 10543E	0616	[redacted]	256-F
HA NOI SAM SITE A14-2 (142) [redacted] 25X1A SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS OCCUPIED BY MISSILES ON LAUNCHERS AND A REVETTED GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR WITH 6 ASSOCIATED VANS. OB -- 6 SA-2 MISSILES ON LAUNCHERS, A GUIDANCE RADAR, AND 6 VANS. [redacted] 25X1D	2056N 10558E	0616	[redacted]	499-B
HOA BINH SAM SITE B03-2 (249) [redacted] 25X1A SITE IS UNOCCUPIED. [redacted] 25X1D	2057N 10531E	0616	[redacted]	420-M
HA NOI SAM SITE A15-2 (243) [redacted] 25X1A SITE CONSISTS OF 5 UNREVETTED LAUNCH POSITIONS OCCUPIED BY MISSILES ON LAUNCHERS AND A GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR WITH 4 ASSOCIATED VANS. OB -- 5 SA-2 MISSILES ON LAUNCHERS, A GUIDANCE RADAR, AND 4 VANS. [redacted] 25X1D	2057N 10554E	0616	[redacted]	256-N
HA NOI SAM SITE B27-2 (180) [redacted] 25X1A SITE IS UNOCCUPIED. [redacted] 25X1D	2059N 10533E	0616	[redacted]	529

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25X1A

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Target	25X1A	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
HAI PHONG SAM SITE D22-2 (152) [redacted] 25X1D	[redacted]	2024N 10624E	0616	[redacted]	379-D
HAI PHONG SAM SITE D23-2 (174) [redacted] 25X1D		2028N 10614E	0616		236-K
HA NOI SAM SITE C17B-2 (165) SITE IS UNOCCUPIED. [redacted] 25X1D		2033N 10600E	0616		392-C
HA NOI SAM SITE C17-2 (147) [redacted] 25X1D		2036N 10601E	0616		269-C
HA NOI SAM SITE C16-2 (166) SITE IS UNOCCUPIED. [redacted] 25X1D		2041N 10605E	0616		362-A
HAI PHONG SAM SITE A17A-2 (86) SITE IS UNOCCUPIED. [redacted] 25X1D		2042N 10644E	0616		371-F
HAI PHONG SAM SITE B25-2 (230) SITE IS UNOCCUPIED. [redacted] 25X1D		2044N 10622E	0616		535
HAI PHONG SAM SITE A20-2 (25) SITE IS UNOCCUPIED. [redacted] 25X1D		2044N 10639E	0616		109-V
HA NOI SAM SITE C13-2 (81) SITE IS UNOCCUPIED. [redacted] 25X1D		2045N 10613E	0616		393-A
HAI PHONG SAM SITE A23-2 (66) SITE IS UNOCCUPIED. [redacted] 25X1D		2045N 10635E	0616		371-A

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Target	25X1A	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
HAI PHONG SAM SITE A22-2 (252) SITE IS UNOCCUPIED. [redacted] 25X1D	[redacted]	2045N 10636E	0616	[redacted]	371-H
HAI PHONG SAM SITE C26-2 (229) SITE IS UNOCCUPIED. [redacted] 25X1D		2047N 10617E	0616		393-C
HAI PHONG SAM SITE A17-2 (34) SITE IS UNOCCUPIED. [redacted] 25X1D		2047N 10642E	0616		109-W
HAI PHONG SAM SITE B27-2 (209) SITE IS UNOCCUPIED. [redacted] 25X1D		2049N 10623E	0616		310-I
HAI PHONG SAM SITE A26-2 (246) SITE IS UNOCCUPIED. [redacted] 25X1D		2049N 10633E	0616		220-B
HAI PHONG SAM SITE A14-2 (137) SITE IS UNOCCUPIED. [redacted] 25X1D		2049N 10643E	0616		109-A1
HAI PHONG SAM SITE A14A-2 (220) SITE IS UNOCCUPIED. [redacted] 25X1D		2049N 10643E	0616		109-A3
HA NOI SAM SITE B13-2 (184) SITE IS UNOCCUPIED. [redacted] 25X1D		2050N 10605E	0616		531
HAI PHONG SAM SITE C27-2 (224) SITE IS UNOCCUPIED. [redacted] 25X1D		2050N 10617E	0616		310-K

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25X1A

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Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HAI PHONG SAM SITE A27-2 (99) SITE IS UNOCCUPIED. [redacted] 25X1D	[redacted]	2051N 10637E	0616	[redacted]	109-Z4
HA NOI SAM SITE C12-2 (88) SITE IS UNOCCUPIED. [redacted] 25X1D		2052N 10611E	0616		312-C
HAI PHONG SAM SITE B28-2 (60) SITE IS UNOCCUPIED. [redacted] 25X1D		2052N 10620E	0616		310-E
HAI PHONG SAM SITE A29-2 (21) SITE IS UNOCCUPIED. [redacted] 25X1D		2052N 10634E	0616		109-S
HAI PHONG SAM SITE C28-2 (73) SITE IS UNOCCUPIED. [redacted] 25X1D		2053N 10617E	0616		310-G
HAI PHONG SAM SITE A29A-2 (37) SITE IS UNOCCUPIED. [redacted] 25X1D		2053N 10631E	0616		109-Z
HAI PHONG SAM SITE A29B-2 (236) SITE IS UNOCCUPIED. [redacted] 25X1D		2053N 10633E	0616		109-Z7
HAI PHONG SAM SITE A31A-2 (219) SITE IS UNOCCUPIED. [redacted] 25X1D		2054N 10635E	0616		371-B1
HAI PHONG SAM SITE A31-2 (70) SITE IS UNOCCUPIED. [redacted] 25X1D		2054N 10636E	0616		371-B

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25X1A

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Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
HAI PHONG SAM SITE A33A-2 (93) SITE IS UNOCCUPIED. [redacted] 25X1D	2054N 10638E	0616	[redacted]	109-Z3
HA NOI SAM SITE C11-2 (84) SITE IS UNOCCUPIED. [redacted] 25X1D	2055N 10615E	0616		312-B
HAI PHONG SAM SITE A02A-2 (253) SITE IS UNOCCUPIED. [redacted] 25X1D	2055N 10642E	0616		109-J1
HAI PHONG SAM SITE A07-2 (55) SITE IS UNOCCUPIED. [redacted] 25X1D	2055N 10650E	0616		249-C
HA NOI SAM SITE B12-2 (3) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 OCCUPIED BY MISSILES ON LAUNCHERS AND 1 BY A LAUNCHER ONLY) AND A CENTRAL GUIDANCE AREA OCCUPIED BY A FAN SONG RADAR WITH 5 ASSOCIATED VANS. OB -- 5 SA-2 MISSILES, 6 LAUNCHERS, A FAN SONG RADAR, AND 5 VANS. [redacted] 25X1D	2056N 10604E	0616		312-A
HAI PHONG SAM SUPPORT FACILITY/ASSEMBLY AREA [redacted] 25X1D	2056N 10628E	0616		427-D
HAI PHONG SAM SITE A33-2 (71) SITE IS UNOCCUPIED. [redacted] 25X1D	2056N 10636E	0616		371-C
HAI PHONG SAM SITE A02-2 (85) SITE IS UNOCCUPIED. [redacted] 25X1D	2056N 10642E	0616		371-E

25X1A [redacted]

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HAI PHONG SAM SITE A06-2 (135) SITE IS UNOCCUPIED. [redacted] 25X1D	2056N 10648E	0616	[redacted]	249-F
HAI PHONG SAM SITE B06B-2 (139) SITE IS UNOCCUPIED. [redacted] 25X1D	2057N 10651E	0616		249-G
HAI PHONG SAM SITE B06-2 (47) SITE IS UNOCCUPIED. [redacted] 25X1D	2058N 10651E	0616		249-A
HAI PHONG SAM SITE B30-2 (61) SITE IS UNOCCUPIED. [redacted] 25X1D	2059N 10621E	0616		310-F
HA NOI SAM SITE A11-2 (9) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 OCCUPIED BY MISSILES ON LAUNCHERS AND 1 UNOCCUPIED) AND A REVETTED CENTRAL GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR WITH 5 ASSOCIATED VANS. OB -- 5 SA-2 MISSILES ON LAUNCHERS, 1 GUIDANCE RADAR, AND 5 VANS. [redacted] 25X1D	2100N 10555E	0616		114-I
HA NOI SAM SITE B26-2 (189) SITE IS UNOCCUPIED. [redacted] 25X1D	2101N 10532E	0616		244-F
HA NOI SAM SITE A10-2 (14) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 OCCUPIED BY MISSILES ON LAUNCHERS AND 1 UNOCCUPIED) AND A REVETTED GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR WITH 5 ASSOCIATED VANS. OB -- 5 SA-2 MISSILES ON LAUNCHERS, A GUIDANCE RADAR, AND 5 VANS. [redacted] 25X1D	2101N 10558E	0616		114-K

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Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
HA NOI SAM STORAGE/ASSEMBLY & BKS GIA LAM NO APPARENT CHANGE IN FACILITIES SINCE [redacted] [redacted] 25X1D OB -- NONE DISCERNIBLE. [redacted] 25X1D	21Ø2N 1Ø553E	Ø616		114-A
HOA BINH SAM SITE BØ4-2 (247) SITE IS UNOCCUPIED. [redacted] 25X1D	21Ø3N 1Ø531E	Ø616	[redacted] 25X1A	244-G
HA NOI SAM SITE B29-2 (17) SITE IS UNOCCUPIED. [redacted] 25X1D	21Ø4N 1Ø539E	Ø616		462-K
HA NOI SAM SITE A29-2 (4) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (2 OCCUPIED BY PROBABLE MISSILES ON LAUNCHERS, 2 BY LAUNCHERS ONLY, AND 2 UNOCCUPIED), A GUIDANCE AREA OCCUPIED BY A PROBABLE FAN SONG RADAR AND 8 PROBABLE VAN TRAILERS, AN ACQUISITION RADAR POSITION OCCUPIED BY 2 PROBABLE VAN TRUCKS, AND 3 MISSILE-HOLD REVETMENTS OCCUPIED BY 4 PROBABLE SHELTERS/VEHICLES. OB -- 2 PROBABLE SA-2 MISSILES, 4 LAUNCHERS, A PROBABLE FAN SONG RADAR, 2 PROBABLE VAN TRUCKS, 8 PROBABLE VAN TRAILERS, AND 4 SHELTERS/VEHICLES. [redacted] 25X1D	21Ø4N 1Ø541E	Ø616		462-J
HA NOI SAM SITE A31-2 (159) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (3 OCCUPIED BY PROBABLE MISSILES ON LAUNCHERS, 2 BY LAUNCHERS ONLY, AND 1 UNOCCUPIED), A REVETTED GUIDANCE AREA OCCUPIED BY A PROBABLE FAN SONG RADAR AND 5 VAN TRAILERS, AND AN OCCUPIED ACQUISITION RADAR POSITION. OB -- 3 PROBABLE SA-2 MISSILES, 5 LAUNCHERS, A PROBABLE FAN SONG RADAR, AND 5 VAN TRAILERS. [redacted] 25X1A [redacted] 25X1D	21Ø4N 1Ø546E	Ø616		112-M1

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HA NOI SAM SITE A34-2 (244) SITE CONSISTS OF 4 UNREVETTED LAUNCH POSITIONS OCCUPIED BY MISSILES ON LAUNCHERS AND AN UNREVETTED GUIDANCE AREA OCCUPIED BY A PROBABLE FAN SONG RADAR AND 5 VAN TRAILERS. OB -- 4 SA-2 MISSILES ON LAUNCHERS, A PROBABLE FAN SONG RADAR, AND 5 VAN TRAILERS. [redacted] 25X1D	2104N 10549E	0616	[redacted]	112-M2
HA NOI SAM SITE C28-2 (13) SITE IS UNOCCUPIED. [redacted] 25X1D	2105N 10529E	0616		114-J
HA NOI SAM SITE B30-2 (16) SITE IS UNOCCUPIED. [redacted] 25X1D	2106N 10539E	0616		462-L
HA NOI SAM SITE A01-2 (133) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (4 OCCUPIED BY MISSILES ON LAUNCHERS AND 2 BY LAUNCHERS ONLY) AND A REVETTED GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR AND 4 VANS. SMOKE AT SITE INDICATES RECENT MISSILE FIRING. OB -- 4 SA-2 MISSILES, 6 LAUNCHERS, A GUIDANCE RADAR, AND 4 VANS. (SEE ATTACHMENT) [redacted] 25X1D	2107N 10552E	0616		221-L
HOA BINH SAM SITE B02-2 (237) SITE IS UNOCCUPIED. [redacted] 25X1D	2108N 10525E	0616		200-G
HA NOI SAM SITE C29A-2 (211) SITE IS UNOCCUPIED. [redacted] 25X1D	2108N 10527E	0616		248-C

25X1A

25X1A

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25X1A

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Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
HA NOI SAM SITE B30A-2 (43) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (3 OCCUPIED BY MISSILES ON LAUNCHERS, 1 BY A POSSIBLE LAUNCHER, AND 2 UNOCCUPIED), A GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR AND 5 VANS, AND AN ACQUISITION RADAR POSITION OCCUPIED BY 2 PROBABLE VAN TRUCKS. OB -- 3 SA-2 MISSILES ON LAUNCHERS, 1 POSSIBLE LAUNCHER, A GUIDANCE RADAR, 5 VANS, AND 2 PROBABLE VAN TRUCKS. [redacted] 25X1D	2108N 10535E	0616	[redacted]	248-8
HA NOI SAM SITE A05-2 (158) SITE IS UNOCCUPIED. [redacted] 25X1D	2108N 10558E	0616		375-A
HA NOI SAM SITE A33-2 (125) SITE IS UNOCCUPIED. [redacted] 25X1D	2109N 10546E	0616		523
HA NOI SAM SITE A01A-2 (242) SITE IS UNOCCUPIED. [redacted] 25X1D	2109N 10551E	0616		221-0
HA NOI SAM SITE B33-2 (64) SITE IS UNOCCUPIED. [redacted] 25X1D	2110N 10544E	0616		411-A
HA NOI SAM SITE B04-2 (5) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 OCCUPIED BY MISSILES ON LAUNCHERS AND 1 UNOCCUPIED) AND A REVETTED CENTRAL GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR WITH 5 ASSOCIATED VANS. OB -- 5 SA-2 MISSILES ON LAUNCHERS, A GUIDANCE RADAR, AND 5 VANS. [redacted] 25X1D	2111N 10559E	0616		206-E

25X1A [redacted]

25X1A [redacted]

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25X1A

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Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
HA NOI SAM SITE C30D-2 (92) SITE IS UNOCCUPIED. [redacted] 25X1D	2112N 10530E	0616	[redacted]	262-B
HA NOI SAM SITE C30-2 (7) [redacted] 25X1D	2113N 10521E	0616		200-C
HA NOI SAM SITE B34A-2 (234) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (4 OCCUPIED BY PROBABLE MISSILES ON LAUNCHERS AND 2 UNOCCUPIED) AND A REVETTED GUIDANCE AREA OCCUPIED BY A PROBABLE FAN SONG RADAR AND 5 PROBABLE VAN TRAILERS. 08 -- 4 PROBABLE SA-2 MISSILES ON LAUNCHERS, 1 PROBABLE FAN SONG RADAR, AND 5 PROBABLE VAN TRAILERS. [redacted] 25X1D 25X1A	2113N 10545E	0616		411-C
HA NOI SAM SITE B01A-2 (124) SITE IS UNOCCUPIED. [redacted] 25X1D	2114N 10553E	0616		524
HA NOI SAM SITE B32-2 (146) SITE IS UNOCCUPIED. [redacted] 25X1D	2115N 10535E	0616		262-E
HA NOI SAM SITE B01-2 (119) SITE IS UNOCCUPIED. [redacted] 25X1D	2117N 10553E	0616		326-K
HA NOI SAM SITE C33-2 (120) SITE IS UNOCCUPIED. [redacted] 25X1D	2118N 10537E	0616		241-I
HA NOI SAM SITE C32-2 (143) SITE IS UNOCCUPIED. [redacted] 25X1D	2119N 10531E	0616		241-J

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Target	25X1A	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
HA NOI SAM SITE C02-2 (56) SITE IS UNOCCUPIED. [redacted] 25X1D	[redacted]	2122N 10558E	0616	[redacted]	204-B
HA NOI SAM SITE D31B-2 (29) [redacted] 25X1D		2123N 10520E	0616		378-C
HA NOI SAM SITE D31C-2 (131) [redacted] 25X1D		2124N 10517E	0616		525
HA NOI SAM SITE C01-2 (53) [redacted] 25X1D		2125N 10551E	0616		414-A
HA NOI SAM SITE C01B-2 (128) [redacted] 25X1D		2128N 10552E	0616		513-B
HA NOI SAM SITE C01E-2 (205) [redacted] 25X1D		2128N 10555E	0616		513-D
HA NOI SAM SITE C01A-2 (63) [redacted] 25X1D		2129N 10554E	0616		415-A
HA NOI SAM SITE C01D-2 (195) [redacted] 25X1D		2130N 10552E	0616		242-S
HAI PHONG SAM SITE C30-2 (72) SITE IS UNOCCUPIED. [redacted] 25X1D		2101N 10619E	0616		370-B
HAI PHONG SAM SITE B36-2 (251) SITE IS UNOCCUPIED. [redacted] 25X1D		2102N 10641E	0616		109-Z8
HAI PHONG SAM SITE B01A-2 (121) SITE IS UNOCCUPIED. [redacted] 25X1D		2102N 10642E	0616		109-X1

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Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HAI PHONG SAM SITE B01-2 (35) SITE IS UNOCCUPIED. [redacted] 25X1D	[redacted]	2102N 10643E	0616	[redacted]	109-X
HAI PHONG SAM SITE B34-2 (104) SITE IS UNOCCUPIED. [redacted] 25X1D		2104N 10634E	0616		309-A
HAI PHONG SAM SITE C32A-2 (59) SITE IS UNOCCUPIED. [redacted] 25X1D		2106N 10622E	0616		302-B
HAI PHONG SAM SITE C32-2 (58) SITE IS UNOCCUPIED. [redacted] 25X1D		2106N 10623E	0616		302-A
HAI PHONG SAM SITE B33-2 (38) SITE IS UNOCCUPIED. [redacted] 25X1D		2107N 10630E	0616		109-Z1
HA NOI SAM SITE B07-2 (95) SITE IS UNOCCUPIED. [redacted] 25X1D		2108N 10609E	0616		206-G
HA NOI SAM SITE B07A-2 (148) SITE IS UNOCCUPIED. [redacted] 25X1D		2109N 10608E	0616		206-G1
HA NOI SAM SITE C06A-2 (78) SITE IS UNOCCUPIED. [redacted] 25X1D		2115N 10616E	0616		238-J
HA NOI SAM SITE C07-2 (30) SITE IS UNOCCUPIED. [redacted] 25X1D		2116N 10619E	0616		238-G

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25X1A

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Target	25X1A	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
HA NOI SAM SITE C05-2 (62) SITE IS UNOCCUPIED. [redacted] 25X1D	[redacted]	2117N 10605E	0616	[redacted]	206-F
HA NOI SAM SITE B04A-2 (186) SITE IS UNOCCUPIED. [redacted] 25X1D		2118N 10602E	0616		206-F1
HA NOI SAM SITE D06-2 (105) SITE IS UNOCCUPIED. [redacted] 25X1D		2118N 10621E	0616		496-A
HA NOI SAM SITE C03A-2 (141) SITE IS UNOCCUPIED. [redacted] 25X1D		2119N 10602E	0616		204-D
HA NOI SAM SITE C06-2 (32) SITE IS UNOCCUPIED. [redacted] 25X1D		2119N 10615E	0616		238-H
HA NOI SAM SITE C04A-2 (57) SITE IS UNOCCUPIED. [redacted] 25X1D		2120N 10608E	0516		238-I
HA NOI SAM SITE C03-2 (138) SITE IS UNOCCUPIED. [redacted] 25X1D		2121N 10600E	0616		204-C
HA NOI SAM SITE C03B-2 (167) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (3 POSSIBLY OCCUPIED BY MISSILES ON LAUNCHERS AND 3 UNOCCUPIED). OBLIQUITY PRECLUDES IDENTIFICATION OF ELECTRONICS EQUIPMENT. OB -- 3 POSSIBLE SA-2 MISSILES ON LAUNCHERS. [redacted] 25X1D		2121N 10600E	0616		204-E

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25X1A

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Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
HA NOI SAM SITE C05B-2 (171) [redacted] 25X1D	2122N 10615E	0616	[redacted]	201-A
HA NOI SAM SITE E07-2 (31) [redacted] 25X1D	2122N 10635E	0616		397-D
HAI PHONG SAM SITE D35A-2 (97) SITE IS UNOCCUPIED. [redacted] 25X1D	2123N 10634E	0616		397-F
HA NOI SAM SITE C04-2 (54) SITE IS UNOCCUPIED. [redacted] 25X1D	2124N 10611E	0616		211-E
HA NOI SAM SITE D04-2 (33) [redacted] 25X1D	2125N 10612E	0616		211-C
VINH SAM SITE C32B-2 (149) SITE IS UNOCCUPIED. [redacted] 25X1D	1859N 10518E	0617		283-B
-- AIR INSTALLATIONS --				
TIEN YEN AIRFIELD 25X1D [redacted] NO APPARENT CHANGE IN FACILITIES SINCE 25X1D [redacted] OB -- NONE OBSERVED. 25X1D [redacted]	2119N 10725E	0615		104-B
HANOI/BAC MAI AIRFIELD 25X1A [redacted] RUNWAY IS SERVICEABLE. 25X1D [redacted] NO APPARENT CHANGE IN FACILITIES SINCE 25X1D [redacted] OB -- AT LEAST 2 STRAIGHT-WING IN HANGAR. 25X1D [redacted]	2059N 10550E	0616		112-E

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25X1A

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HAI PHONG/KIEN AN AIRFIELD CRATERS ON RUNWAY ARE REPAIRED. RUNWAY IS SERVICEABLE. NO APPARENT CHANGE IN FACILITIES SINCE [redacted] 25X1D OB -- NONE OBSERVED. [redacted] 25X1D	2048N 10636E	0616	[redacted]	109-B
HAI PHONG/CAT BI AIRFIELD 3.5 NM SE OF HAI PHONG. NO APPARENT CHANGE IN FACILITIES SINCE [redacted] 25X1D RUNWAY IS UNSERVICEABLE DUE TO BOMB DAMAGE. OB -- 2 COLT (1 POSSIBLY DAMAGED AND 1 PARTIALLY CAMOUFLAGED). [redacted] 25X1D	2049N 10643	0616	[redacted]	109-A
THO KHOI HELICOPTER DISPERSAL AREA 2.2 NM SE OF HANOI/GIA LAM AIRFIELD AT UTM [redacted] 25X1D NO FACILITIES OBSERVED. OB -- 2 HOUND. [redacted] 25X1D	2100N 10554E	0616	[redacted]	533
HOA LAC AIRFIELD CRATERS ON RUNWAY ARE REPAIRED. RUNWAY IS PROBABLY SERVICEABLE. NO SIGNIFICANT CHANGE IN FACILITIES SINCE [redacted] 25X1D OB -- 2 DELTA-WING DECOY AND 2 FAGOT/FRESCO WITHOUT TAIL SECTIONS. [redacted] 25X1D	2101N 10530E	0616	[redacted]	244-D
HANOI/GIA LAM AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [redacted] 25X1D OB -- 2 FAGOT/FRESCO, 1 CAB, 1 PROBABLE T-28, AND 1 CAB WITH WINGS REMOVED. [redacted] 25X1D	2102N 10553E	0616	[redacted]	114

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HOA LAC HELICOPTER DISP AREA HELICOPTER DISPERSAL AREA AT UTM [redacted] SUBJECTED TO AIRSTRIKES. NO FACILITIES OBSERVED. OB -- 2 DESTROYED HOOK AND 3 DAMAGED/DESTROYED HOUND. [redacted] 25X1D	2105N 10524E	0616		541
HA NOI HELICOPTER DISPERSAL AREA NO FACILITIES OBSERVED. OB -- 1 HOOK. [redacted] 25X1D	2105N 10549E	0616		112-Q4
TONG AIRFIELD 25X1D NO APPARENT CHANGE IN FACILITIES SINCE [redacted] 25X1D OB -- NONE OBSERVED. [redacted] 25X1D	2106N 10527E	0616	25X1A [redacted]	248-A
PHUC YEN AIRFIELD 25X1A [redacted] RUNWAY IS PROBABLY UNSERVICEABLE. AT LEAST 2 OF THE COVERED REVETMENTS ON THE MAIN PARKING APRONS HAVE BEEN DESTROYED. AN ADDITIONAL COVERED REVETMENT IS OBSERVED ALONG THE ACCESS TAXIWAY TO THE DISPERSAL AREA NORTH OF THE AIRFIELD. OB -- 3 FISHBED, 3 FAGOT/FRESCO, 3 POSSIBLE SMALL AIRCRAFT, AND 1 HOUND AT OLD AIRFIELD. [redacted] 25X1D	2113N 10548E	0616	[redacted]	326-C
KEP HA AIRFIELD 3 NM EAST OF KEP HA. 3,200 FT 70 FT NE/SW PACKED EARTH/MACADAM RUNWAY, UNSERVICEABLE. FACILITIES CONSISTS OF AN EARTHEN PARALLEL LOOP TAXIWAY WITH 2 CROSSOVER LINKS, 12 AIRCRAFT REVETMENTS IN DISPERSAL AREA TO THE SE, AND 3 AIRCRAFT PARKING REVETMENTS BEHIND SUPPORT FACILITIES TO NW. SUPPORT FACILITIES CONSISTS OF A SEVERELY DAMAGED OPERATIONS BUILDINGS, 2 SUPPORT BUILDINGS AT AIRFIELD, AND 6 SUPPORT/STORAGE BUILDINGS IN DISPERSED STORAGE AREA	2122N 10640E	0616		397

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
AROUND 2 LOOP ROADS TO NW OF RUNWAY. OB -- 1 PROBABLE DERELICT STRAIGHT-WING AIRCRAFT IN REVETMENT. [redacted] 25X1D				
KEP AIRFIELD [redacted] 25X1D	2124N 10616E	0616	[redacted] 25X1A	211
LANG SON AIRFIELD 1 NM SE OF LANG SON. 3,700 X 250 FT NNW/SSE SOD RUNWAY WITH LANDING LIGHTS, SERVICEABLE. FACILITIES CONSISTS OF 17 EARTHEN AIRCRAFT REVETMENTS AND A SUPPORT AREA SE OF RUNWAY WITH 1 ADMINISTRATION BUILDING, 2 BARRACKS, 1 L-SHAPED AND 6 SMALL SUPPORT BUILDINGS, AND A WEATHER STATION. OB -- NONE. [redacted] 25X1D	2150N 10646E	0616		119-A
LAO CAI AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [redacted] 25X1D OB -- NONE OBSERVED. [redacted] 25X1D	2228N 10358E	0616		5-A
CAO BANG AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [redacted] 25X1D OB -- NONE OBSERVED. [redacted] 25X1D	2239N 10616E	0616		104
-- MILITARY INSTALLATIONS -- 25X1D HA NOI POSSIBLE BARRACKS AREA BAC MAI [redacted]	2059N 10550E	0616		112-F

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Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
PHU YEN MILITARY INSTALLATION [redacted] 25X1D	2048N 10542E	0616		345
THUONG LAM MILITARY AREAS [redacted] 25X1D	2049N 10539E	0616	25X1A	230-A
NINH DUONG ARMY BARRACKS SW NGA MY [redacted] 25X1D	2051N 10545E	0616	[redacted]	265
VAN TRAI MILITARY AREAS 25X1D 3 MILITARY AREAS IN VICINITY OF VAN TRAI. AREA A (UTM [redacted] -- NO APPARENT CHANGE IN 25X1D FACILITIES IN CLOUD-FREE AREAS SINCE [redacted] 67. 25X1D AREA B (UTM [redacted] -- CLOUD COVERED. AREA C (UTM [redacted] -- NO APPARENT CHANGE IN FACILITIES SINCE [redacted] 25X1D [redacted] 25X1D	2052N 10552E	0616	[redacted]	266-B
XUAN MAI ARMY BARRACKS SSW [redacted] 25X1D	2053N 10534E	0616	[redacted]	261
THUONG DINH ARMY BARRACKS NORTH 25X1D 2.2 NM NORTH OF VAN TRAI AT UTM [redacted] SUBJECTED TO AIRSTRIKES, AREA NOW CONSISTS OF 1 ADMINISTRATION BUILDING, 11 BARRACKS, 1 MESSHALL, 6 STORAGE BUILDINGS, 2 PROBABLE AMMUNITION STORAGE BUILDINGS, AND 14 SUPPORT BUILDINGS. [redacted] 25X1D	2054N 10551E	0616	[redacted]	266
CHUC SON ARMY BARRACKS NORTH [redacted] 25X1D	2056N 10542E	0616	[redacted]	256-C

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25X1A

NPIC/R-298/67

Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
XUAN MAI ARMY BARRACKS NNW HOA MUC 2.8 NM NNW OF XUAN MAI AT UTM [redacted] 25X1D EIGHT BUILDINGS REMAIN INTACT. ALL OTHERS HAVE BEEN DISMANTLED OR DESTROYED. [redacted] 25X1D	2057N 10534E	0616	[redacted]	261-A
HA DONG ARMY BARRACKS SW [redacted] 25X1D	2057N 10545E	0616		256
HA DONG ARMY BARRACKS [redacted] 25X1D	2058N 10546E	0616		256-B
GIAP NHAT SUPPLY & MAINTENANCE FACILITY [redacted] 25X1D	2058N 10550E	0616		256-K
HA NOI BARRACKS AREA GIAP LUC 25X1D 1 NM SOUTH OF HA NOI AT UTM [redacted] FACILITY CONSISTS OF 3 AREAS. AREA A (SERVED BY ROUTE 1A) -- SUBJECTED TO AIRSTRIKES, BARRACKS AREA CONTAINS 56 BARRACKS (3 DAMAGED), 1 MESSHALL, AND 46 SUPPORT BUILDINGS (3 DAMAGED). AREA B -- STORAGE AREA CONTAINS 10 STORAGE BUILDINGS AND 9 SUPPORT BUILDINGS. AREA C -- ADMINISTRATION AREA CONTAINS 8 ADMINISTRATION BUILDINGS AND 16 SUPPORT BUILDINGS. [redacted] 25X1D	2058N 10551E	0616		112-E2
DAI MO ARMY BARRACKS WSW [redacted] 25X1D	2059N 10543E	0616		256-E
HA NOI ARMY BARRACKS BAC MAI AIRFIELD NO APPARENT CHANGE IN FACILITIES IN CLOUD-FREE AREAS [redacted] 25X1D	2059N 10549E	0616		112-G

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25X1A

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HAI PHONG AMMUNITION DEPOT KIEN AN SW PUG [redacted] 25X1D	2048N 10638E	0616	[redacted]	109-G
HAI PHONG ORDNANCE DEPOT KIEN AN [redacted] 25X1D	2048N 10638E	0616		260-B
HAI PHONG ARMY BARRACKS KIEN AN [redacted] 25X1D	2049N 10638E	0616		109-F
HAI PHONG ARMY BARRACKS SE CAT BI [redacted] 25X1D	2049N 10642E	0616		109-A2
LOI DONG ARMY BARRACKS [redacted] 25X1D	2053N 10636E	0616		225
HAI PHONG ARMY BARRACKS NORTH [redacted] 25X1D	2053N 10641E	0616		109-J
BAN YEN NHAN ARMY BARRACKS [redacted] 25X1D	2056N 10602E	0616		312
HAI DUONG BARRACKS WEST 25X1D THREE SEPARATELY FENCED BARRACKS AREAS 1.6 NM WSW OF HAI DUONG AT UTM [redacted] ALL AREAS HAVE BEEN SUBJECTED TO AIR STRIKES. AREA A (WEST AREA) -- 1 DESTROYED, 3 DAMAGED, AND 4 UNDAMAGED BARRACKS, 1 ADMINISTRATION BUILDING, AND 3 STORAGE BUILDINGS. AREA B (CENTRAL AREA) -- 5 DESTROYED, 1 DAMAGED, AND 4 UNDAMAGED BARRACKS, 1 ADMINISTRATION BUILDING, 1 MESSHALL, AND 5 MISCELLANEOUS BUILDINGS. AREA C (EAST AREA) -- 6 DESTROYED BARRACKS, 1 DESTROYED	2056N 10619E	0616		310-A

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Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
MESSHALL, 1 UNDAMAGED ADMINISTRATION BUILDING. [redacted] 25X1D			25X1A	
HAI DUONG MILITARY INSTALLATION 25X1D 1.5 NM ESE OF HAI DUONG AT UTM [redacted] FENCE-SECURED INSTALLATION CONTAINS 2 BARRACKS, 2 VEHICLE SHEDS, 1 ADMINISTRATION/SUPPORT BUILDING (WITH ROOF PARTIALLY REMOVED), 1 PARTIALLY DISMANTLED, REVETTED STORAGE BUILDING, AND 3 SUPPORT BUILDINGS. [redacted] 25X1D	2056N 10621E	0616	[redacted]	310-C
HAI DUONG BARRACKS NORTH 25X1D 1.5 NM NORTH OF HAI DUONG AT UTM [redacted] SECURED AREA HAS BEEN SUBJECTED TO AIRSTRIKES. AREA CONTAINS 3 DESTROYED AND 1 DAMAGED BARRACKS, 1 DAMAGED H-SHAPED MESSHALL, 3 DAMAGED REVETTED STORAGE BUILDINGS, 2 DAMAGED VEHICLE SHEDS, AND 2 UNDAMAGED SUPPORT BUILDINGS. [redacted] 25X1D	2057N 10620E	0616	[redacted]	310-B
DIEN BIEN PHU HQ 316 INFANTRY BRIGADE [redacted] 25X1D	2122N 10301E	0616	[redacted]	105-A
SON DONG MILITARY BARRACKS SW [redacted] 25X1D	2100N 10529E	0616	[redacted]	247
HA NOI MILITARY STORAGE AREA PHU THI 7 NM EAST OF HA NOI RR CLASSIFICATION YARD AT UTM [redacted] 25X1D A LARGE FENCED AREA CONTAINS 33 WAREHOUSE-TYPE BUILDINGS (1 VENTED), 20 OTHER BUILDINGS, AND LIMITED OPEN STORAGE. A SECOND FENCED AREA CONTAINS 6 WAREHOUSE-TYPE BUILDINGS AND 9 OTHER BUILDINGS. [redacted] 25X1D	2100N 10558E	0616	[redacted]	499

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25X1A

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HA NOI AREA ARMY BARRACKS WEST YEN LANG [redacted] 25X1D	2101N 10549E	0616	[redacted]	112-I
YEN SO BARRACKS AREA [redacted] 25X1D	2102N 10540E	0616		462-G
HA NOI VEHICLE & RADAR MAINTENANCE FACILITY 5.1 NM WNW OF HA NOI AT UTM [redacted] 25X1D FACILITY IS OCCUPIED. NO APPARENT CHANGE IN FACILITIES SINCE [redacted] OB -- 1 PROBABLE FIRE CAN RADAR, 4 PROBABLE VAN TRUCKS, AND 8 UNIDENTIFIED VEHICLES. [redacted] 25X1D 25X1D	2102N 10545E	0616		462-A
HA NOI ARMY BARRACKS WNW MAI DICH [redacted] 25X1D	2102N 10545E	0616		462-A1
HA NOI ARMY BARRACKS WEST MAI DICH [redacted] 25X1D	2102N 10546E	0616		112-L
HA NOI PROBABLE MILITARY AREA [redacted] 25X1D	2102N 10548E	0616		112-R1
HA NOI MIN OF NAT DEF ARMY & AREA CAPITAL HQ [redacted] 25X1D	2102N 10550E	0616		112-A
SON DONG ARMY BARRACKS AND SCHOOL [redacted] 25X1D	2103N 10531E	0616		244-A

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25X1A

NPIC/R-290/67

25X1D Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
DAN HOI ARMY BARRACKS SOUTH [redacted]	2103N 10543E	0616	[redacted]	462-C
HA NOI ARMY BARRACKS NE GIA THUONG [redacted] 25X1D	2103N 10552E	0616		114-E
HA NOI ARMY BARRACKS NNW THUY PHUONG [redacted] 25X1D	2104N 10546E	0616		112-M
DONG LAC ARMY BARRACKS 25X1D 0.8 NM WEST OF DAN PHUONG ON EAST BANK OF THE SONG DAY (RIVER) AT UTM [redacted] BARRACKS AREA CONTAINS 1 ADMINISTRATION BUILDING, 16 BARRACKS, 1 LARGE STORAGE BUILDING, AND 8 SMALLER STORAGE/SUPPORT BUILDINGS. SECURED AREA IMMEDIATELY NORTH CONTAINS 2 LARGE STORAGE (1 REVETTED) AND 2 SMALL SUPPORT BUILDINGS. [redacted] 25X1D	2105N 10539E	0616		426-E
SON TAY ARMY BARRACKS SW TONG [redacted] 25X1D	2107N 10528E	0616		248
KINH NO MILITARY INSTALLATION [redacted] 25X1D	2107N 10551E	0616		221-H
BINH HA BARRACKS AREA [redacted] 25X1D	2107N 10557E	0616		297
XOM CHAN DA MILITARY INSTALLATION 25X1D TWO AREAS REFERENCED FROM XOM CHAN DA. AREA A (1.4 NM NW AT UTM [redacted] -- AT LEAST 10 BUILDINGS ARE DESTROYED/DISMANTLED. AREA APPEARS ABANDONED. FOUR BARRACKS AND 1 ADMINISTRATION BUILDING	2109N 10511E	0616		385-B

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Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
REMAIN. AREA B (IN XUM CHAN DA AT UTM [redacted] -- 7 STORAGE BUILDINGS ADJACENT TO A LARGE HILL. [redacted] 25X1D			25X1A	
NGUYEN KHE STORAGE AREA TOWN 25X1D 1 NM SOUTH OF NGUYEN KHE AT UTM [redacted] ENTIRE STORAGE AREA REMAINS DESTROYED/DISMANTLED. A NEW RAIL SPUR HAS BEEN CONSTRUCTED IN THE RAIL YARD AND 2 OTHER SPURS ARE IN AN EARLY STAGE OF CONSTRUCTION. RECENT EXCAVATING ON THE LONGEST YARD ACCESS SPUR INDICATES ALL 3 SPURS MAY BE DUAL/STANDARD-GUAGE TRACK TO COINCIDE WITH THE MAIN RAIL LINE. [redacted] 25X1D	2109N 10551E	0616	[redacted]	221-D
KINH NO MV REPAIR PLANT CUONG NO [redacted] 25X1D	2109N 10551E	0616		221-F
HUNG NHI MILITARY BARRACKS [redacted] 25X1D	2113N 10512E	0616		385-A
PHUC YEN ARMY BARRACKS [redacted] 25X1D	2113N 10542E	0616		326-B
HUNG HOA ARMY BARRACKS AND SUPPLY DEPOT [redacted] 25X1D	2115N 10517E	0616		385
PHUC YEN AIRFIELD BARRACKS [redacted] 25X1D	2116N 10549E	0616		326-I

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NPIC/R-290/67

25X1D Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
THANH TRI BARRACKS AREA [redacted]	2117N 10546E	0616		224-D
DA PHUC MILITARY CAMP SW [redacted] 25X1D	2118N 10551E	0616		224-B
VINH YEN ARMY BARRACKS AND TRAINING AREA NORTH [redacted] 25X1D	2119N 10536E	0616	25X1A [redacted]	241-D
MY KHE MILITARY AREAS [redacted] 25X1D	2120N 10541E	0616		241-F
DA PHUC MILITARY CAMP NNW [redacted] 25X1D	2120N 10551E	0616		224
XOM BAI ARMY BARRACKS NE THACH SON [redacted] 25X1D	2121N 10517E	0616		233-A
DUC THANG ARMY BARRACKS EAST [redacted] 25X1D	2121N 10559E	0616		204
VAN PHAI BARRACKS AREAS [redacted] 25X1D	2122N 10553E	0616		205-A
DUC THANG ARMY BARRACKS NNW [redacted] 25X1D	2122N 10559E	0616		204-A

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25X1D Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
COT NGANH ARMY BARRACKS WEST [redacted]	2124N 10551E	0616	[redacted]	303
COT NGANH BARRACKS NORTHEAST [redacted] 25X1D	2125N 10553E	0616		414
SEPT PAGODES BARRACKS & STORAGE AREA 25X1D 0.6 NM ENE OF SEP PAGODES AT UTM [redacted] AREA CONTAINS 3 LARGE PARTIALLY DISMANTELD WAREHOUSES, 1 SMALL WAREHOUSE, AND 25 DISMANTLED/PARTIALLY DISMANTLED BUILDINGS. AREA APPEARS ABANDONED. [redacted] 25X1D	2106N 10618E	0616		302
MAT SON BARRACKS AREA [redacted] 25X1D	2106N 10623E	0616		302-A1
CHU MAU PROBABLE BARRACKS AREA [redacted] 25X1D	2109N 10606E	0616		206-J
BAC NINH ARMY BARRACKS [redacted] 25X1D	2110N 10603E	0616		206-A
CO MANH MILITARY CAMP 25X1D 1.5 NM SE OF CAO MANH AT UTM [redacted] CAMP CONTAINS 10 BARRACKS AND 1 ADMINISTRATION BUILDING. OTHER PREVIOUSLY REPORTED BUILDINGS HAVE APPARENTLY BEEN DISMANTLED. [redacted] 25X1D	2110N 10627E	0616		396
BAC GIANG MILITARY AREA 25X1A [redacted] [redacted] 25X1D	2117N 10612E	0616		238-B

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25X1A

NPIC/R-292/67

25X1D Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
KEP HA ARMY BARRACKS SOUTH [redacted]	2121N 10636E	0616	[redacted]	397-C
KEP HA ARMY BARRACKS NORTHEAST [redacted] 25X1D	2123N 10637E	0616		397-A
LOC BINH ARMY SUPPLY DEPOT ONE ADMINISTRATION BUILDING HAS ROOF REMOVED. NO APPARENT CHANGE IN REMAINING FACILITIES SINCE [redacted] [redacted] 25X1D 25X1D 25X1A	2145N 10656E	0616		399
LANG SON ARMY BARRACKS 25X1D [redacted]	2150N 10645E	0616		119-C
LAO CAI ARMY BARRACKS [redacted] 25X1D	2229N 10358E	0616		5-E
LANG NHON BARRACKS AND STORAGE AREAS [redacted] 25X1D	2225N 10401E	0616		328-I
BAC CAN ARMY BKS AND SUPPLY DEPOT [redacted] 25X1D	2208N 10550E	0616		295-A
NUOC HAI BARRACKS AND STORAGE AREAS [redacted] 25X1D	2244N 10609E	0616		439
-- ELECTRONICS/COMMUNICATIONS --				
TIEN YEN PROBABLE COMMUNICATION FACILITY [redacted] 25X1D	2119N 10724E	0615		104-A

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25X1A

NPIC/R-290/67

25X1D Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
HA NOI HF COMMUNICATIONS FAC PHU COC [redacted]	2051N 10553E	0616	[redacted]	265-A
HA DONG RADAR FACILITY 1.5 NM SE OF HA DONG. 25X1D FACILITY IS OCCUPIED. NO APPARENT CHANGE IN FACILITIES SINCE [redacted] OB -- 1 PROBABLE FLAT FACE RADAR AND 1 SINGLE-AXLE GENERATOR TRAILER. [redacted] 25X1D	2056N 10547E	0616	[redacted]	256-J
NUI VIEN NAM AW/GCI FACILITY ON THE SUMMIT OF NUI VIEN NAM (MOUNTAIN) AT UTM 25X1D [redacted] AND 5.5 NM SW OF HOA LAC AIRFIELD. SITE IS OCCUPIED BY A HEAVILY CAMOUFLAGED PROBABLE BIG BAR RADAR. OB -- 1 PROBABLE BIG BAR RADAR, 2 VAN TRAILERS, AND 1 POSSIBLE K-32 CRANE. [redacted] 25X1D	2057N 10526E	0616	[redacted]	420-L
HA NOI RADIO STATION DAI MO [redacted] 25X1D	2058N 10546E	0616	[redacted]	256-A
HA NOI HF COMMUNICATIONS FAC HA DONG [redacted] 25X1D	2058N 10547E	0616	[redacted]	256-H
HOA LAC AIRFIELD ILS COMPONENT [redacted] 25X1D	2059N 10532E	0616	[redacted]	244-D1
HA DONG AW/GCI FACILITY 25X1D 6.5 NM WSW OF HA NOI AT UTM [redacted] FACILITY IS UNOCCUPIED. PREVIOUSLY REPORTED BAR LOCK AND SIDE NET RADARS HAVE BEEN REMOVED SINCE [redacted] [redacted] 25X1D	2059N 10543E	0616	[redacted]	256-I

30 25X1D

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25X1A

NPIC/R-290/67

Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
25X1D HA NOI HF COMMUNICATIONS FAC NW [redacted]	2059N 10547E	0616	[redacted]	112-J
HANOI/BAC MAI AIRFIELD MICROWAVE FACILITY [redacted] 25X1D	2059N 10549E	0616		112-E3
HANOI/BAC MAI AW/GCI FACILITY [redacted] 25X1D	2059N 10550E	0616		112-E1
THUAN TON AIR WARNING RADAR FACILITY [redacted] 25X1D	2059N 10556E	0616		112-V
HAI PHONG HF COMMUNICATIONS FAC [redacted] 25X1D	2052N 10642E	0616		109-D1
HA NOI HF COMMUNICATIONS FAC SON DONG [redacted] 25X1D	2102N 10541E	0616		462-F
HA NOI RADIO COMMUNICATION STATION NORTHWEST 25X1D SOUTH EDGE OF DONG KHO AT UTM [redacted] FACILITY CONSISTS OF 3 PROBABLE HORIZONTAL DIPOLE ANTENNAS AND AN ADJACENT CONTROL/SUPPORT AREA CONTAINING APPROXIMATELY 20 BARRACKS/SUPPORT BUILDINGS. THE PREVIOUSLY REPORTED PROBABLE FISHBONE ANTENNA HAS BEEN REMOVED. [redacted] 25X1D	2103N 10548E	0616		112-N
DUC NOI AIR WARNING RADAR FACILITY 25X1D 1.2 NM SSW OF DUC NOI AT UTM [redacted] SITE CONSISTS OF 2 LARGE REVETMENTS EACH OCCUPIED BY AN UNIDENTIFIED OBJECT. THE CONFIGURATION IS SIMILAR TO THE VAN TRUCK-MOUNTED FLAT FACE RADAR AND ASSOCIATED SMALL GENERATOR OFTEN OBSERVED WITHIN THIS TYPE OF REVETMENTS. OB -- 2 UNIDENTIFIED OBJECTS.	2108N 10553E	0616		221-K1

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NPIC/R-290/67

25X1D Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
[redacted]			25X1A	
DONG LAI/PHUC YEN AW/GCI FACILITY 25X1D 1 NM SOUTH OF PHUC YEN AIRFIELD AT UTM [redacted] FACILITY IS UNOCCUPIED. NO APPARENT CHANGE IN FACILITIES SINCE [redacted] 25X1D [redacted] 25X1D	2112N 10548E	0616	[redacted]	326-F
NOI BAI RADIO BROADCAST STATION [redacted] 25X1D	2112N 10548E	0616	[redacted]	326-G
PHUC YEN ILS COMPONENT [redacted] 25X1D	2114N 10544E	0616	[redacted]	326-H
PHUC YEN/DUC HAU AW/GCI FACILITY [redacted] 25X1D	2114N 10553E	0616	[redacted]	326-L
-- INDUSTRY --			[redacted]	
HA NOI RUBBER PRODUCTS PLANT [redacted] 25X1D	2058N 10548E	0616	[redacted]	112-X
HA NOI MV REPAIR AND REASSEMBLY PLANT [redacted] 25X1D	2059N 10548E	0616	[redacted]	112-U2
HAI PHONG CEMENT PLANT 25X1D [redacted] 25X1D WEST EDGE OF HAI PHONG AT UTM [redacted] NO APPARENT CHANGE IN FACILITIES SINCE [redacted] 25X1D PLANT REMAINS INOPERATIVE. [redacted] 25X1D	2051N 10640E	0616	[redacted]	109-P1

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25X1A

NPIC/R-290/67

Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
HA NOI LIGHT FAB AND MAINT FACILITY NGUYEN KHE 25X1D 1.4 NM SOUTH OF NGUYEN KHE AT UTM [redacted] FACILITY IS APPARENTLY BEING DISMANTLED. APPROXIMATELY 18 BUILDINGS REMAIN INTACT. OB -- 1 POSSIBLE VEHICLE. [redacted] 25X1D	2108N 10551E	0616	[redacted]	221-11
PHU THO CHEMICAL FERTILIZER PLANT LAM THAO [redacted] 25X1D	2119N 10517E	0616	[redacted]	233
VANG DANH ORE PROCESSING NEW [redacted] 25X1D	2107N 10647E	0616	[redacted]	308-A
TINH TUC TIN SMELTER AND REFINERY 25X1D 25X1D NO APPARENT CHANGE IN FACILITIES SINCE [redacted] [redacted] IN CLOUD-FREE AREAS. [redacted] 25X1D -- BASIC SERVICES --	2239N 10552E	0616	[redacted]	293
HA DONG TRANSFORMER STATION [redacted] 25X1D	2057N 10545E	0616	[redacted]	256-L
HAI PHONG THERMAL POWERPLANT WEST 25X1D NW EDGE OF HAI PHONG AT UTM [redacted] 25X1D NO APPARENT CHANGE IN FACILITIES SINCE [redacted] [redacted] 25X1D PLANT REMAINS INOPERATIVE. [redacted] 25X1D	2051N 10640E	0616	[redacted]	109-P
HAI PHONG RR STATION CLASS YD & SHOPS 25X1D [redacted] 25X1A NO APPARENT CHANGE IN FACILITIES SINCE [redacted] [redacted] 25X1D ACTIVITY -- 8 PIECES OF ROLLING STOCK. [redacted] 25X1D	2051N 10641E	0616	[redacted]	109-L

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25X1A

NPIC/R-290/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HAI PHONG TRANSFORMER STATION 2.4 NM NW OF HAI PHONG RAILROAD CLASSIFICATION YARD AT UTM [redacted] 25X1D STATION CONSISTS OF A REVETTED CONTROL BUILDING, A REVETTED TRANSFORMER AREA (WITH TRANSFORMER REMOVED), 1 SWITCHING YARD, AN OPEN WATER TANK, 3 TRANSFORMER/CIRCUIT-BREAKER OIL STORAGE TANKS, 1 GANTRY CRANE, 1 PROBABLE ADMINISTRATION/MAINTENANCE BUILDING, AND 1 SECURITY BUILDING. INSTALLATION IS SECURED BY A WALL WITH A WATCHTOWER AT EACH CORNER AND 4 LIGHT TOWERS. [redacted] 25X1D	2052N 10639E	0616	[redacted]	109-Z6
HAI PHONG THERMAL POWERPLANT EAST 25X1D 1.9 NM NE OF HAI PHONG AT UTM [redacted] 25X1D NO APPARENT CHANGE IN FACILITIES SINCE [redacted] 25X1D PLANT REMAINS INOPERATIVE. [redacted] 25X1D	2052N 10642E	0616		109-D
PHAM XA RR CLASSIFICATION YARD 25X1D 0.2 NM NW OF PHAM XA AT UTM [redacted] ALL 3 TRACKS OF RAIL YARD APPEAR REPAIRED AND SERVICEABLE. PASSENGER TERMINAL AND SUPPORT BUILDINGS ARE DESTROYED. ACTIVITY -- NONE OBSERVED. [redacted] 25X1D	2058N 10627E	0616		427-B
HA NOI RR CAR REPAIR SHOPS GIA LAM 2.8 NM NE OF HA NOI. ALL CAR REPAIR SHOPS APPEAR DAMAGED OR DESTROYED. THE YARD IS SERVICEABLE. ACTIVITY -- 22 PIECES OF ROLLING STOCK. [redacted] 25X1D	2103N 10553E	0616		114-C

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NPIC/R-290/67

Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
YEN VIEN RR CLASSIFICATION YARD NO APPARENT CHANGE IN FACILITIES SINCE [redacted] [redacted] EXCEPT 2 THROUGH TRACKS APPEAR SERVICEABLE. ACTIVITY -- 20 PIECES OF DAMAGED/DESTROYED ROLLING STOCK. [redacted]	2105N 10555E	0616	[redacted]	407-A
YEN VIEN RAIL YARD NO APPARENT CHANGE IN FACILITIES SINCE [redacted] [redacted] ACTIVITY -- NONE OBSERVED. [redacted]	2107N 10552E	0616	[redacted]	221-N
HA NOI TRANSFORMER STATION DONG ANH [redacted]	2108N 10550E	0616	[redacted]	221-I
HA NOI/LAO CAI RR SEGMENT 5 ENTIRE RAIL SEGMENT OBSERVED AND APPEARS SERVICEABLE. ACTIVITY -- APPROXIMATELY 85 PIECES OF ROLLING STOCK. [redacted]	2110N 10548E	0616	[redacted]	113-G
VIET TRI RAILROAD YARD [redacted]	2118N 10526E	0616	[redacted]	262-G
HA NOI/PING-HSIANG RR SEG 3 ENTIRE RAIL SEGMENT COVERED. POOR INTERPRETABILITY PRECLUDES DETERMINATION OF SERVICEABILITY. ACTIVITY -- APPROXIMATELY 85 PIECES OF ROLLING STOCK. [redacted]	2110N 10604E	0616		297-A
HA NOI/PING-HSIANG RR SEG 2 ENTIRE RAIL SEGMENT COVERED, ALTHOUGH ONLY 8.5 NM (BETWEEN 21-33N 106-30E AND 21-39N 106-35E) OBSERVED ON INTERPRETABLE PHOTOGRAPHY. ACTIVITY -- 1 LOCOMOTIVE AND APPROXIMATELY 150 PIECES OF ROLLING STOCK. [redacted]	2132N 10627E	0616		211-A

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25X1A

NPIC/R-290/67

Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
LANG GIAI RAILROAD YARD 9.7 NM SSW OF LANG GIAI AT UTM [redacted] RAIL YARD HAS BEEN SUBJECTED TO AIRSTRIKES. LOCOMOTIVE REPAIR SHOP AND RAIL STATION ARE DESTROYED AND STUB LINE IS INTERDICTED. TURNING WYE AND ALL 4 THROUGH TRACKS APPEAR SERVICEABLE. 25X1D ACTIVITY -- 33 PIECES OF APPARENTLY SERVICEABLE ROLLING STOCK AND 14 PIECES OF DESTROYED ROLLING STOCK. [redacted]	2141N 10639E	0616	[redacted]	223
HA NOI/PING-HSIANG RR SEG 1 ENTIRE RAIL SEGMENT OBSERVED AND APPEARS SERVICEABLE. ACTIVITY -- 13 LOCOMOTIVES, APPROXIMATELY 410 PIECES OF 25X1D ROLLING STOCK, AND 1 PROBABLE RAIL-MOUNTED CANTILEVER CRANE (INCLUDING CAR COUNT FOR DONG DANG RAIL YARD). [redacted]	2145N 10644E	0616		223-A
DONG DANG RAILROAD YARD 25X1D NO APPARENT CHANGE IN FACILITIES SINCE [redacted] ACTIVITY -- 11 LOCOMOTIVES AND 121 PIECES OF ROLLING 25X1D STOCK. [redacted]	2156N 10641E	0616		357
LAO CAI RAILROAD CLASSIFICATION YARD 25X1D NO APPARENT CHANGE IN FACILITIES SINCE [redacted] 25X1D ACTIVITY -- 39 PIECES OF ROLLING STOCK. [redacted]	2229N 10359E	0616		5-L
HA NOI/LAO CAI RR SEGMENT 1 RAIL SEGMENT COVERED FROM LAO CAI (22-30N 103-58E) TO 22-13N 104-17E. ACTIVITY -- APPROXIMATELY 60 PIECES OF ROLLING STOCK IN THE LAO CAI RAILROAD YARD. [redacted] 25X1D	2220N 10410E	0616		328-N

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Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
-- NAVAL/PORT FACILITIES --				
CAT BA COASTAL TRANSSHIPMENT POINT WEST SIDE OF CAT BA. FACILITIES CONSIST OF 1 HEAVILY DAMAGED T-HEAD PIER AND 1 HEAVILY CRATERED QUAY. AREA IS INACTIVE. VESSELS -- NONE OBSERVED. [redacted] 25X1D	2043N 10703E	0615	25X1A [redacted]	110-A
HA TOU BOAT REPAIR YARD [redacted] 25X1D	2055N 10709E	0615	[redacted]	109-E
HON GAI PORT FACILITIES NO APPARENT CHANGE IN FACILITIES SINCE 25X1D [redacted] 25X1D VESSELS -- 1 LARGE FREIGHTER TIED TO PIER AND 1 LARGE FREIGHTER ANCHORED IN HARBOR. [redacted] 25X1D	2057N 10705E	0615	[redacted]	109-A
AP DA CHONG BARGE YARD 10.7 NM ENE OF HO GAI PORT FACILITY ON THE CHENAL DU CHATEAU RENAUD. YARD CONSISTS OF A SMALL CAMOUFLAGED FLOATING DOCK, 3 GRIDIRONS (CAREENING GRIDS) ON A MUDFLAT BETWEEN 2 KARST HILLS, AND 1 POSSIBLE GRIDIRON ON THE WESTERN EDGE OF THE TIDAL FLAT. VESSELS -- NONE OBSERVED. [redacted] 25X1D	2100N 10715E	0615	[redacted]	109-F
CAM PHA PORT FACILITIES NO APPARENT CHANGE IN FACILITIES SINCE 25X1D 25X1A [redacted] 25X1D VESSELS -- 1 FREIGHTER TIED TO PIER. [redacted] 25X1D	2102N 10722E	0615	[redacted]	106
PORT WALLUT NAVAL BASE IN A COVE ON THE NW COAST OF THE ISLE DE KE-BAO (ISLAND) 15 NM NE OF CAM PHA AT UTM [redacted] 25X1D 25X1A BASE HAS BEEN SUBJECTED TO AIRSTRIKES. QUAY AND BOTH MARINE RAILWAYS ARE DAMAGED AND APPEAR UNSERVICEABLE.	2112N 10734E	0615	[redacted]	103-C

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Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
THREE BUILDINGS REMAIN INTACT, ALL OTHERS ARE DAMAGED OR DESTROYED. ONE PROBABLE PORTAL CRANE OBSERVED ON QUAY. INSTALLATION APPEARS INACTIVE. OB -- 2 CAMOUFLAGED POSSIBLE COMBATANTS, 1 AT UTM [redacted] 25X1D			25X1A	
KIEN AN SHIPYARD PHUONG CHU NO APPARENT CHANGE IN FACILITIES SINCE [redacted] 25X1D [redacted] 25X1D VESSELS -- 5 BARGES UNDER CONSTRUCTION. [redacted] 25X1D	2050N 10634E	0616	[redacted]	109-Z5
HAI PHONG SHIPYARD LACH TRAY 2 NM WSW OF HAI PHONG RAILROAD CLASSIFICATION YARD AT UTM [redacted] 25X1D THE SHIPYARD CONSISTS OF 2 AREAS, BOTH OF WHICH HAVE BEEN SUBJECTED TO AIRSTRIKES. AREA A -- 4 TIDAL DRYDOCKS, 2 WITH SUPERFICIAL DAMAGE. AREA B -- 6 SUPPORT BUILDINGS (4 DESTROYED, 2 WITH STRUCTURAL DAMAGE), 1 GRAVING DOCK (SUPERFICIAL DAMAGE), 2 PROBABLE REPAIR WAYS (DESTROYED), AND 1 TIDAL DRYDOCK (SUPERFICIAL DAMAGE). [redacted] 25X1D	2050N 10639E	0616	[redacted]	109-C2
HAI PHONG SHIPYARD VINH KHE SOUTHWEST EDGE OF HAI PHONG ON THE WESTERN BANK OF THE SONG DAO LACH TRAY (RIVER) AT UTM [redacted] 25X1D SMALL SHIPBUILDING FACILITY CONTAINS AT LEAST 2 MARINE RAILWAYS, 3 COVERED SHOPS, AND MATERIAL IN OPEN STORAGE. VESSELS -- 3 MEDIUM DRY CARGO BARGES AND 1 SMALL DRY CARGO BARGE UNDER CONSTRUCTION. [redacted] 25X1D	2050N 10639E	0616	[redacted]	109-C3

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HAI PHONG CHANNEL ENTIRE TARGET AREA COVERED. 25X1D VESSELS -- 1 GENERAL CARGO FREIGHTER AND A POLTAVA MERCHANT VESSEL AT ANCHOR AT UTM [redacted] WITH DECK CARGO OF EIGHT [redacted] CYLINDRICAL STORAGE TANKS AND 6 25X1D TRUCKS. [redacted] 25X1D	2050N 10640E	0616		109-C
HAI PHONG SHIPYARD WEST 25X1D WEST BANK OF SONG TRAM BAC (RIVER) AT UTM [redacted] AREA HAS BEEN SUBJECTED TO AIRSTRIKES. ALL SUPPORT BUILDINGS ARE DESTROYED, THE EDGE OF THE WET DOCK HAS RECEIVED AT LEAST 2 HITS, THE COVERING OF THE 2 BUILDING WAYS IS DESTROYED, AND 1 GRAVING DOCK IS DAMAGED. [redacted] 25X1D	2051N 10639E	0616	25X1A [redacted]	109-P5
HAI PHONG SHIP REPAIR YARD NO 2 SACRIC 25X1D WEST BANK OF THE SONG TRAM BAC (RIVER) AT UTM [redacted] YARD HAS BEEN SUBJECTED TO AIRSTRIKES. THE LAUNCHING BASIN IS EXTENSIVELY CRATERED, THE SIDE-LAUNCHING WAYS ARE HEAVILY DAMAGED, AND AT LEAST 8 BUILDINGS ARE DESTROYED/STRUCTURALLY DAMAGED. [redacted] 25X1D	2051N 10640E	0616	[redacted]	109-P3
HAI PHONG SHIP REPAIR YARD NO 3 SAUVAGE 25X1D AT THE JUNCTION OF THE COMPURE DE HALY AND THE SONG TRAM BACH (RIVER) AT UTM [redacted] YARD CONTAINS 2 GRAVING DOCKS, 1 MOORING BASIN, 4 PROBABLE SHOPS, AND 4 FLOATING FITTING-OUT WHARVES. VESSELS -- NONE OBSERVED. [redacted] 25X1D	2051N 10640E	0616	[redacted]	109-P4
DOANG XA NAVAL DISPERSAL FACILITY 25X1D NO APPARENT CHANGE IN FACILITIES SINCE [redacted] 25X1D OB -- 1 SWATOW PGM AND 1 YP. [redacted] 25X1D	2051N 10644E	0616		426-A

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Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
LAM DONG NAVAL DISPERSAL FACILITY 25X1D NO APPARENT CHANGE IN FACILITIES SINCE [redacted] [redacted] 25X1D OB -- 1 S.O.-1 SC AND 3 UNIDENTIFIED COMBATANTS. [redacted]	2052N 10638E	0616		536
HAI PHONG NAVAL BASE 25X1D AT THE MOUTH OF THE SONG TRAM BACH (RIVER) ON THE NW SIDE OF HAI PHONG IMMEDIATELY EAST OF HAI PHONG SHIPYARD NO 4 DANCETTE AT UTM [redacted] 25X1D BASE CONTAINS A GRAVING DOCK (APPROXIMATELY 165 X [redacted] FT), 3 MARINE RAILWAYS, A LARGE ADMINISTRATION BUILDING AND NUMEROUS SUPPORT BUILDINGS, A T-HEAD PIER AND FINGER PIER ON THE CUA CAM (RIVER), AND AN APPROXIMATE 210-FT WHARF ON THE WEST BANK OF THE SONG TRAM BACH. OB -- 1 S.O.-1 SC, 1 P-6 PT (SUNK AT FINGER PIER), AND 1 SWATOW PGM (STRIPPED). [redacted] 25X1D	2052N 10640E	0616	25X1A [redacted]	109-E
HAI PHONG SHIPYARD NO 4 DANCETTE 25X1D NO APPARENT CHANGE IN FACILITIES SINCE [redacted] [redacted] 25X1D VESSELS -- 1 FLOATING DRYDOCK, 2 LARGE DRY CARGO BARGES, 2 SMALL DRY CARGO BARGES, AND 3 SMALL RIVER CRAFT. [redacted] 25X1D	2052N 10640E	0616	[redacted]	109-Q
HAI PHONG PORT FACILITY 25X1D 25X1A NO APPARENT CHANGE IN FACILITIES SINCE [redacted] [redacted] 25X1D OB -- 1 S.O.-1 SC, 2 POSSIBLE P-4 PT, 1 SWATOW PGM, 1 CAU CAM YP, 3 SL-1, 1 LARGE-HATCH FREIGHTER, 8 GENERAL CARGO FREIGHTERS, AND 1 ATLANT SALVAGE TUG (155 FT LONG). (SEE ATTACHMENT) [redacted] 25X1D	2052N 10642E	0616	[redacted]	109-D

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Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
HAI PHONG ICE PLANT WHARF NO APPARENT CHANGE IN FACILITIES SINCE [redacted] 25X1D OB -- 5 P-6 PT AND 1 SL-1. OTHER VESSELS -- 1 GENERAL CARGO FREIGHTER. [redacted] 25X1D	2052N 10642E	0616		109-D2
CO PHUC SHIPYARD 25X1D NORTH EDGE OF CO PHUC ON THE SOUTH BANK OF THE SONG KINH MON (RIVER) AT UTM [redacted] SMALL SHIPYARD CONTAINS 6 SMALL BUILDINGS, A FURNACE, AND A OPEN STORAGE YARD CONTAINING UNIDENTIFIED MATERIAL. VESSELS -- 3 BARGES UNDER CONSTRUCTION. [redacted] 25X1D	2057N 10632E	0616	25X1A [redacted]	427-E
NHU Y TRUNG TRANSSHIPMENT POINT SONG DA BACH [redacted] 25X1D	2059N 10643E	0616	[redacted]	249-D
HA NOI PORT FACILITIES RED RIVER 25X1D NO APPARENT CHANGE IN FACILITIES SINCE [redacted] 25X1D VESSELS -- NUMEROUS SMALL CRAFT. [redacted] 25X1D	2100N 10552E	0616	[redacted]	112-S
THUONG THUY SHIPYARD 25X1D 2.5 NM WEST OF THUONG THUY AT UTM [redacted] FACILITIES CONSISTS OF 11 SUPPORT BUILDINGS, AT LEAST 1 CRANE, AND A SIDE LAUNCHING WAY. VESSELS -- NONE OBSERVED. [redacted] 25X1D	2105N 10545E	0616		112-Q3

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Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
-- STORAGE --				
[redacted]				
HON GAI EXPLOSIVES STORAGE [redacted] 25X1D	2059N 10706E	0615	[redacted]	109-C
DONG BAI SUPPLY DEPOT 25X1D 2 STORAGE AREAS IN THE VICINITY OF DONG BAI ON ROUTE 6. AREA A (1.8 NM WNW AT UTM [redacted] -- 16 STORAGE BUILDINGS AND EXTENSIVE VEHICLE TRACKS. AREA B (ON BOTH SIDES OF ROUTE 6 AT UTM [redacted] --8 STORAGE BUILDINGS. 25X1D [redacted] 25X1D	2052N 10530E 25X1A	0616	[redacted]	261-B
BANG SO PETROLEUM PRODUCTS STORAGE PUG [redacted] 25X1D	2053N 10553E	0616	[redacted]	266-H
VAN DIEN ARMY SUPPLY DEPOT 0.8 NM SOUTH OF VAN DIEN COMPLEX. 25X1D DEPOT CONSISTS OF 6 AREAS. AREA A (UTM [redacted] -- STORAGE AREA HAS BEEN DESTROYED. AREA B (UTM [redacted] -- BARRACKS AREA CONTAINS 3 BARRACKS AND 4 SUPPORT BUILDINGS. 25X1D AREA C (UTM [redacted] -- BARRACKS AND STORAGE AREA CONSISTS OF 14 BARRACKS/STORAGE BUILDINGS AND 14 SUPPORT BUILDINGS. 25X1D AREA D (UTM [redacted] -- BARRACKS AREA CONTAINS 10 BARRACKS, 3 MULTISTORY ADMINISTRATION BUILDINGS (1 DAMAGED), AND 5 SUPPORT BUILDINGS. 25X1D AREA E (UTM [redacted] -- BARRACKS AND STORAGE AREA CONTAINS 4 STORAGE BUILDINGS, 4 PARTIALLY DAMAGED STORAGE BUILDINGS, AND 4 SUPPORT BUILDINGS. A RAZED BUILDING AREA IS NOW USED FOR VEHICULAR PARKING, (16 VEHICLES OBSERVED). 25X1D AREA F (UTM [redacted] -- BARRACKS AND STORAGE AREA CONTAINS 5 BARRACKS, AT LEAST 10 PROBABLE STORAGE BUILDINGS, AND 16 SUPPORT BUILDINGS.	2055N 10551E	0616	[redacted]	266-C

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25X1D Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
[redacted]			25X1A	
VAN LA STORAGE DEPOT SOUTH	2056N 10545E	0616	[redacted]	256-D
[redacted]				
HA NOI STORAGE AREA BAC MAI 25X1D 2.1 NM SOUTH OF HA NOI RAILROAD CLASSIFICATION YARDS AT UTM [redacted] 25X1D PARTIALLY SECURED AREA CONTAINS APPROXIMATELY 30 DAMAGED/DESTROYED BUILDINGS. [redacted] 25X1D	2059N 10550E	0616	[redacted]	112-U
PHU LUU STORAGE AREA [redacted] 25X1D	2038N 10620E	0616	[redacted]	393
HAI PHONG POL TANK AND DRUM FABRICATION 25X1D 25X1D 1.5 NM SW OF HAI PHONG AT 20-50-[redacted]N 106-40-[redacted]E, UTM [redacted] 25X1D FACILITY CONSISTS OF 3 BARRACKS-TYPE BUILDINGS, 4 VEHICLE MAINTENANCE BUILDINGS, AND 6 SUPPORT BUILDINGS. ACTIVITY -- 28 POL TANKS IN VARIOUS STAGES OF FABRICATION. [redacted] 25X1D	2050N 10640E	0616	[redacted]	109-C1
HAI PHONG WAREHOUSE AREA SOUTHEAST 25X1D ON SE EDGE OF HAI PHONG AT UTM [redacted] LARGE WALLED STORAGE AREA CONTAINS 14 LARGE WAREHOUSES, 9 SMALL SUPPORT BUILDINGS, AND A BUILDING WITH MANY ROOF VENTS. [redacted] 25X1D	2050N 10641E	0616	[redacted]	109-C4

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25X1A

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Target 25X1D	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
HAI PHONG WAREHOUSE AREA WEST WEST EDGE OF HAI PHONG AT UTM [redacted] LARGE PARTIALLY FENCED STORAGE AREA CONTAINS 24 WAREHOUSES AND 8 SUPPORT BUILDINGS. FACILITY IS BOTH ROAD AND WATER SERVED AND HAS 5 BOAT LANDINGS ON THE NE SHORE OF THE SONG TRAM BACH. [redacted] 25X1D	2051N 10639E	0616	[redacted]	109-P2
HAI PHONG PETROLEUM PRODUCTS STORAGE [redacted] 25X1D	2053N 10640E	0616	[redacted]	109-M
KE SAT MILITARY STORAGE AREA [redacted] 25X1D	2054N 10606E	0616	[redacted]	311
THAI LAI PETROLEUM PRODUCTS STORAGE [redacted] 25X1D	2055N 10637E	0616	[redacted]	427-A
HOANG LO STORAGE AREA [redacted] 25X1D	2055N 10654E	0616	[redacted]	249-H
THI CAM POL STORAGE [redacted] 25X1D	2101N 10545E	0616	[redacted]	462-B1
HA NOI STORAGE DEOPT CO BI 25X1D NO APPARENT CHANGE IN FACILITIES SINCE [redacted] [redacted] 25X1D OB -- 3 UNIDENTIFIED VEHICLES. [redacted] 25X1D	2101N 10555E	0616	[redacted]	114-B
HA NOI STORAGE AREA GIA THUONG [redacted] 25X1D	2103N 10553E	0616	[redacted]	114-D

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25X1D Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
THAP THUAN EXPLOSIVES STORAGE AREA [redacted]	21Ø4N 1Ø539E	Ø616		462-H
SON DONG STORAGE 25X1D [redacted]	21Ø5N 1Ø53ØE	Ø616	25X1A [redacted]	244-C
THUONG CAT PETROLEUM PRODUCTS STORAGE [redacted] 25X1D	21Ø5N 1Ø545E	Ø616		112-Q1
HA NOI PETROLEUM PRODUCTS STORAGE DUC NOI [redacted] 25X1D	21Ø7N 1Ø552E	Ø616		221-K
HUNG VI MILITARY STORAGE AREA 25X1D [redacted]	2113N 1Ø512E	Ø616		385-C
VINH YEN AMMUNITION DEPOT [redacted] 25X1D	2118N 1Ø538E	Ø616		241-E
HUU THU TRAINING SITE [redacted] 25X1D	2122N 1Ø54ØE	Ø616		321-A
CANH THUY PROBABLE STORAGE AREA [redacted] 25X1D	2112N 1Ø615E	Ø616		526
CAM LY AMMUNITION DEPOT [redacted] 25X1D	2112N 1Ø624E	Ø616		496

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25X1D Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
VAN LINH STORAGE SOUTHEAST [redacted]	2137N 10634E	0616	[redacted]	495-A
LOC BINH STORAGE AREA [redacted] 25X1D	2141N 10657E	0616	25X1A	399-B
LAO CAI STORAGE AREAS [redacted] 25X1D	2230N 10359E	0616		5-M
DONG DANG MILITARY STORAGE AREA 4 NM NNW OF DONG DANG, NORTH VIETNAM, AND 7 NM SSW OF PING-HSIANG, CHINA. CIVILIAN IN APPEARANCE, THE INSTALLATION CONSISTS OF 2 AREAS. 25X1D AREA A (UTM [redacted]) -- 30 SMALL BARRACKS, 1 ADMINISTRATION BUILDING, 2 STORAGE BUILDINGS, 2 PROBABLE VEHICLE MAINTENANCE AND REPAIR BUILDINGS, 4 PROBABLE MAINTENANCE BUILDINGS, 1 PROBABLE MESSHALL, AND 16 SUPPORT/STORAGE BUILDINGS. EXTENSIVE TRENCHING IS OBSERVED THROUGHOUT THE MAINTENANCE AND REPAIR AREA. 25X1D AREA B (UTM [redacted] -- 6 PROBABLE STORAGE BUILDINGS AND 2 SUPPORT BUILDINGS AT THE BASE OF A HILL. 25X1D [redacted]	2200N 10640E	0616		357-A
-- URBAN COMPLEXES -- TIEN YEN COMPLEX 25X1D [redacted] 25X1A	2119N 10724E	0615	25X1A [redacted]	104-C
DIEN BIEN PHU COMPLEX 25X1D [redacted]	2122N 10301E	0616	[redacted]	105-G

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25X1A

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
BAC BIANG COMPLEX [redacted]	2116N 10611E	0616	[redacted]	238
KEP COMPLEX 25X1D [redacted]	2124N 10617E	0616	[redacted]	397-G
LANG SON COMPLEX 25X1D 25X1D RAIL BRIDGE AT UTM [redacted] SUBJECTED TO AIRSTRIKE AT NORTHERN APPROACH BUT REMAINS SERVICEABLE. RAIL BRIDGE AT [redacted] SUBJECTED TO AIRSTRIKE -- 2 SPANS REMAIN AND 3 SPANS ARE MISSING. FORD AT [redacted] IS WASHED OUT, AND THE MAIN RAIL/ROAD BRIDGE AT [redacted] IS BEING REPAIRED. OTHER FACILITIES SHOW NO APPARENT CHANGE SINCE [redacted] 25X1D ACTIVITY -- 3 LOCOMOTIVES, APPROXIMATELY 115 PIECES OF ROLLING STOCK, AND 15 VEHICLES OBSERVED WITHIN A 2-NM RADIUS OF THE COMPLEX. [redacted] 25X1D	2151N 10645E	0616	[redacted]	119
DONG DANG COMPLEX 25X1A 25X1D [redacted] NO APPARENT CHANGE IN FACILITIES SINCE [redacted] 25X1D ACTIVITY -- 6 LOCOMOTIVES WITH TENDERS AND 123 PIECES OF ROLLING STOCK. [redacted] 25X1D	2156N 10642E	0616	[redacted]	357-E
LAO CAI COMPLEX 25X1A 25X1D [redacted] NO APPARENT CHANGE IN FACILITIES SINCE [redacted] 25X1D ACTIVITY -- APPROXIMATELY 40 PIECES OF ROLLING STOCK AND 10 PROBABLE TRUCKS. [redacted] 25X1D	2230N 10358E	0616	[redacted]	5
CAO BANG COMPLEX 25X1A [redacted] 25X1D	2239N 10615E	0616		104-A

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Target	Coordinates	WAC	Target Numbers
[redacted]			
-- MISCELLANEOUS --			
DISPERSED HOOK IN OPEN FIELD 3 NM NW OF THE HA NOI RAILROAD YARDS. ONE HOOK OBSERVED AT UTM [redacted] 25X1D [redacted] 25X1D	2103N 10547E	25X1A [redacted]	000
CAM DAI POSSIBLE PRISON [redacted] 25X1D	2109N 10520E	[redacted]	200-A

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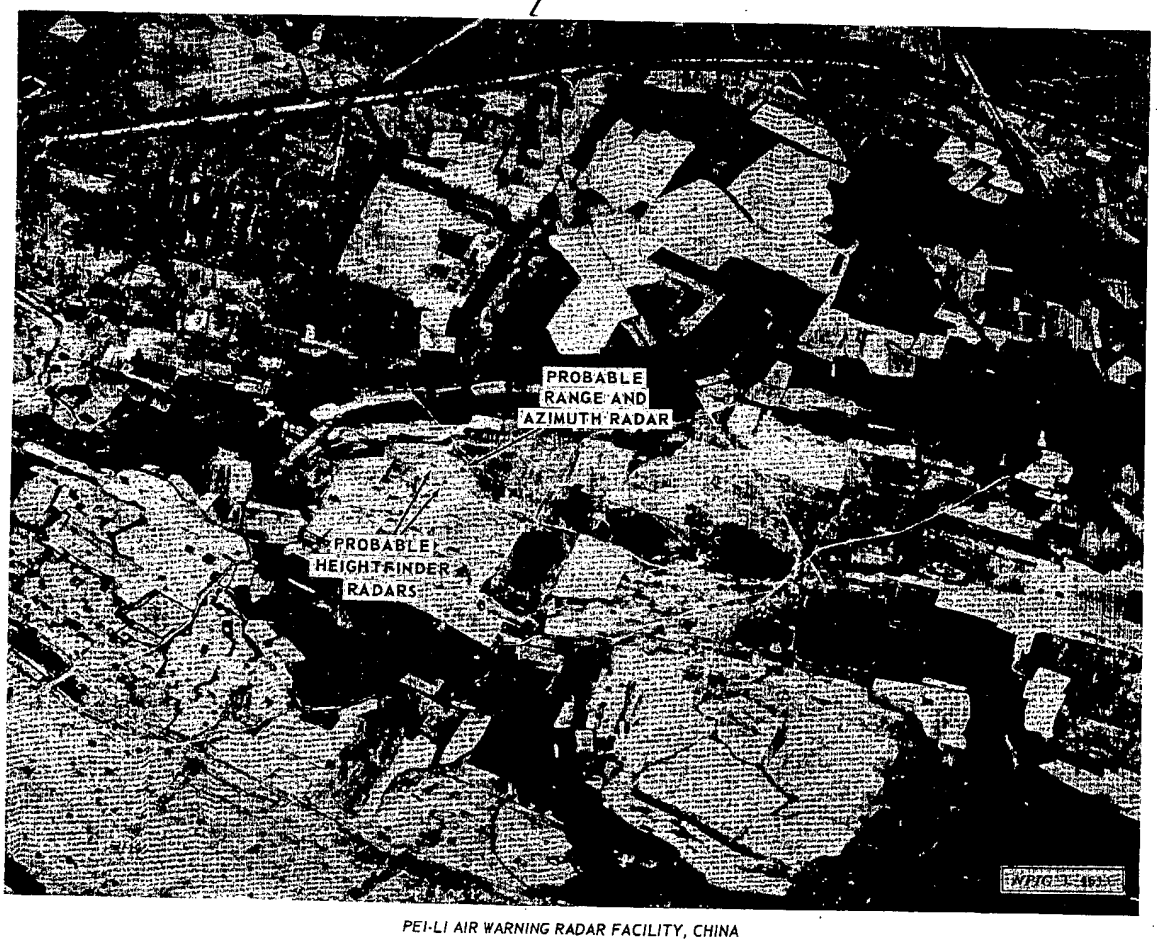

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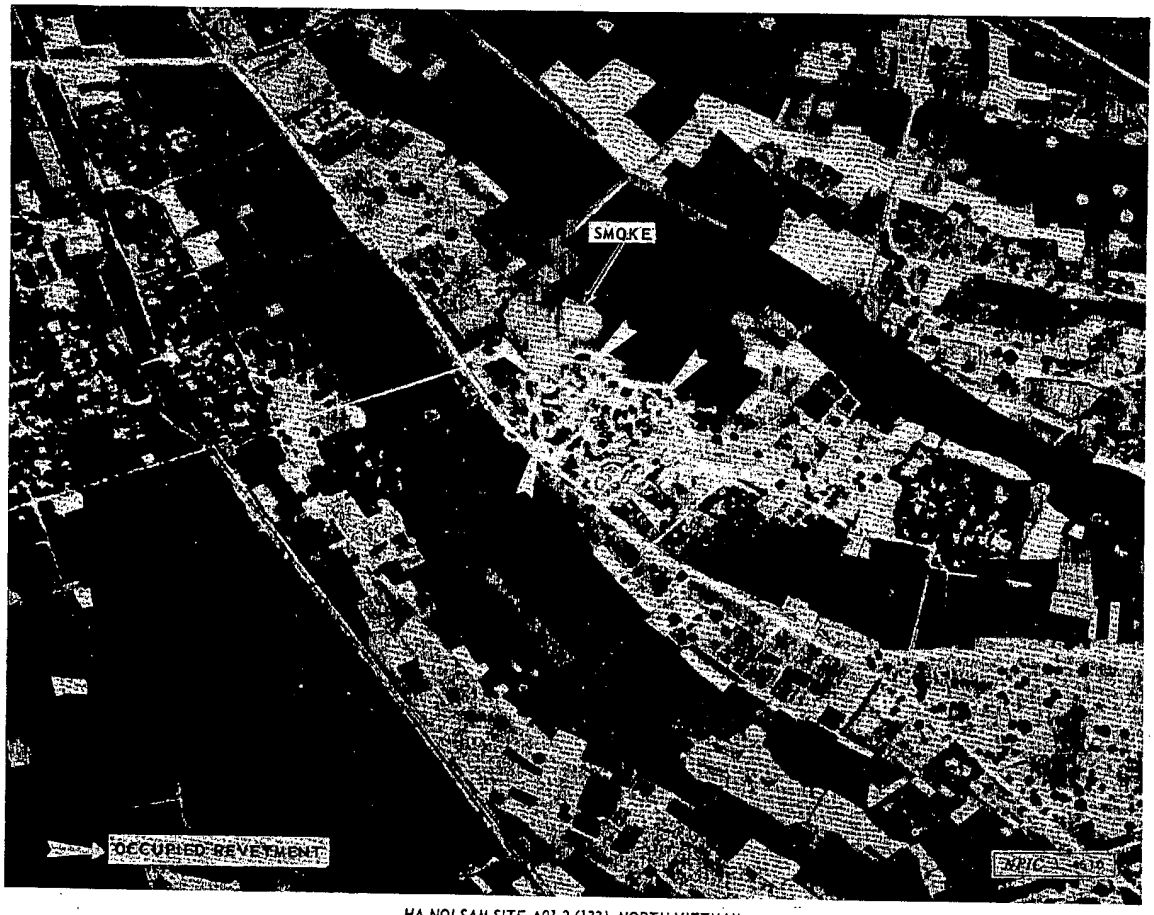

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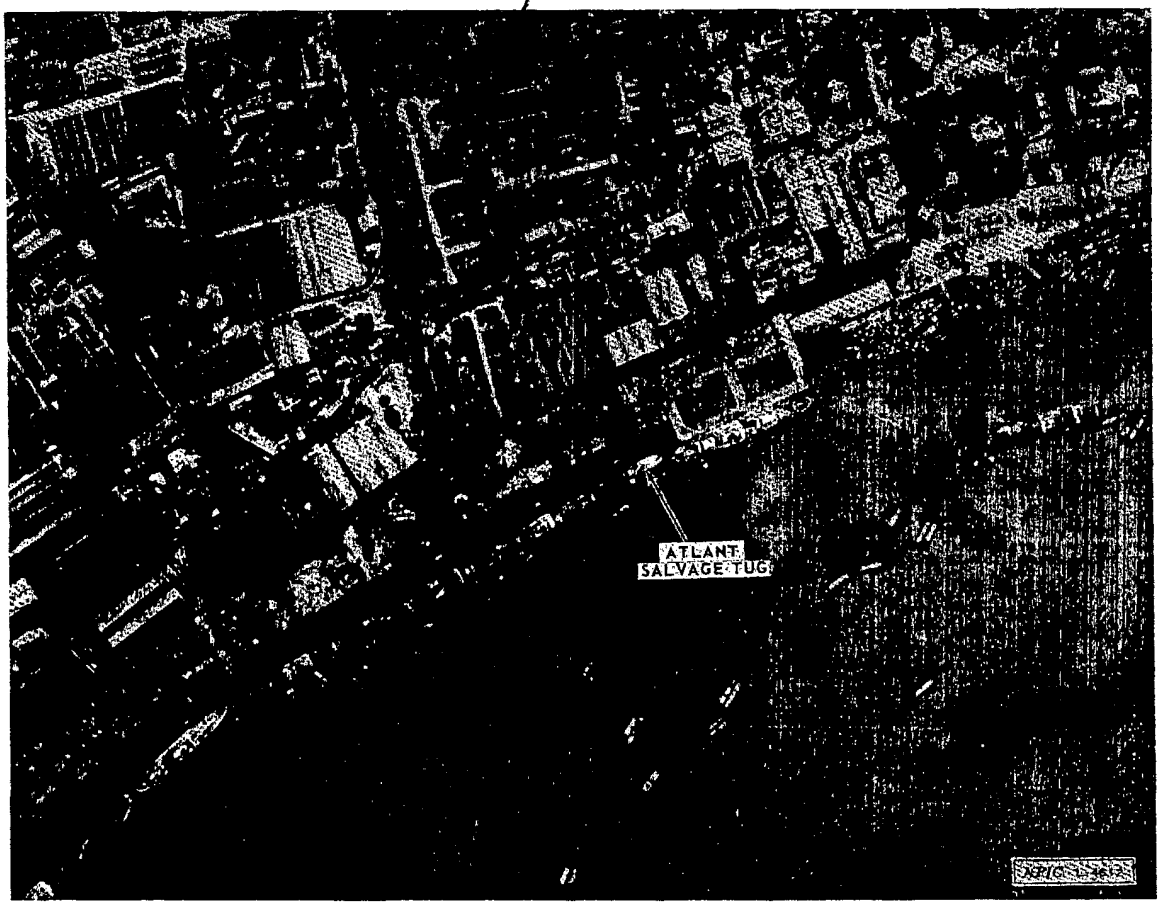

ATLANT OCEAN-GOING SALVAGE TUG, HAI PHONG PORT, NORTH VIETNAM

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